



EXPRESS MAIL LABEL NO.: EV218961070US

PATENT APPLICATION
Docket No. 14917.1.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

James E. Moon, et al.

Serial No.: 09/698,329

) Art Unit
) 1743

Filed: October 27, 2000

For: INTEGRATED MONOLITHIC MICROFABRICATED
ELECTROSPRAY AND LIQUID
CHROMATOGRAPHY SYSTEM AND METHOD

Confirmation No.: 8664

Examiner: Arlen Soderquist

CERTIFICATE OF EXPRESS MAIL UNDER 37 C.F.R. § 1.10

I hereby certify that the following documents are being deposited with the United States Postal Service as Express Mail, postage prepaid, in an envelope addressed to: Box RESPONSES, Commissioner for Patents, Washington, DC 20231, on the 2nd day of December, 2002.

- Transmittal for Amendment and Response to Office Action dated September 18, 2002
- Amendment and Response to Office Action dated September 18, 2002
- Postcard

Respectfully submitted,

A handwritten signature in black ink that appears to read "David O. Seeley".

David O. Seeley
Attorney for Applicants
Registration No. 30,148



022913

PATENT TRADEMARK OFFICE

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Serial No.: 09/698,329

12-3-02

1743

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Examiner: Arlen Soderquist

Box: RESPONSES: NO FEE

Commissioner for Patents

Washington, DC 20231

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DEC 05 2002) Art Unit
TC 1700) 1743

TRANSMITTAL FOR AMENDMENT AND RESPONSE TO OFFICE ACTION DATED SEPTEMBER 18, 2002

Sir:

Transmitted herewith is an Amendment and Response to Office Action dated September 18, 2002 for entry in the above-identified application.

To render the transmitted Amendment and Response timely filed enclosed are the following:

A Certificate of Express Mail Under 37 C.F.R. § 1.10.

Commissioner for Patents
Page 2.

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TC 1700

The fee has been calculated as follows:



			SMALL ENTITY		LARGE ENTITY	
CLAIMS REMAINING AFTER	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDT'L FEE	RATE	ADDT'L FEE
TOTAL	1 MINUS 20	= 0	X9		X18	\$0.00
INDEPENDENT	1 MINUS 3	= 0	X42		X84	\$0.00
1 st PRESENTATION OF MULTIPLE DEPENDENT CLAIM			+140=		+280=	
			TOTAL		TOTAL	\$0.00

- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 23-3178.
- Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
- Any patent application processing fees under 37 CFR 1.17.
- A duplicate copy of this transmittal letter is attached.

Dated this 2nd day of December 2002.

Respectfully submitted,

David O. Seeley
Attorney for Applicant
Registration No.: 30,148



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D. Gaumer
T/11C
12.10.02

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DATED SEPTEMBER 18, 2002

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Box: RESPONSES
Commissioner for Patents
Washington, DC 20231

Dear Sir:

Responsive to the Office Action mailed September 18, 2002, in connection with the above-identified application, Applicants request that the following amendments be entered and the associated remarks be considered:

In the Specification:

Please replace the paragraph bridging pages 8 and 9 with the following paragraph:

In all of the above-described devices, edge-spraying from a microchip is a poorly controlled process due to the inability to rigorously and repeatedly determine the physical form of the chip's edge. In another embodiment of edge-spraying, ejection nozzles, such as small segments of drawn capillaries, are separately and individually attached to the chip's